



Energy Conservation Awards to 4 Staffers

At a luncheon held on January 19, 1989, three Fermilab employees received cash awards ranging from \$100 to \$3550 as the result of their participation in the Lab's Employee Energy Conservation Awards Program (EECAP). These award-winning energy-conservation ideas were the result of keen observation and careful thought. Receiving awards, and accompanied by their supervisors, were Kenneth Kittelson (BS/Maintenance Mechanic), James Zagel (Accelerator Division), Age Visser (Research Division), and William Byrd (BS/Maintenance Electrician).

Kittelson received a cash award of \$1275 for a suggestion that allows the shutdown of 270 tons of packaged chillers in Wilson Hall. His suggestion, which has been implemented, will result in an estimated annual net savings of \$15,000.

Zagel received a cash award of \$100 for his suggestion to insulate the north concrete wall in the Linac Annex in order to reduce heating/ventilating/air conditioning energy consumption. Annual net savings from his suggestion, which is expected to be implemented, is projected to be \$800.

Visser, a member of the EECAP selection committee and thus ineligible to receive a cash award, received a Certificate of Commendation from Fermilab Director Leon Lederman. Visser's suggestion, ramping solid-iron analysis magnets in the experimental areas, "raised some concerns such as the field map, recovery of the magnets, the security of wire chamber supports, the suggested ramp time frame and the shielding design around phototubes," according to the Director's letter of commendation. "However, most of the concerns may have solutions and we shall attempt to learn more about whether to implement this procedure for experiments.

"...your suggestion is very much appreciated and could lead to substantial energy and cost savings for the Laboratory. Keep up the good work!"

Byrd received \$3550 for his suggestion for site-wide gradual conversion to energy-efficient fluorescent lamps and energy-efficient lighting fixture ballasts. His suggestion, which is being implemented,

Continued on page 4

Re: Organization

Directorate

Richard Lundy, Associate Director for Technology, has also been appointed Acting Director for Administration.

Research Division

Robert Kephart has been appointed Head of the Collider Detector at Fermilab (CDF) Department. Melvin Shochet (University of Chicago) has joined Alvin Tollestrup (Fermilab) as Co-Spokespersons of the CDF Collaboration. Richard Stanek has been named Head of the Research Division's Cryogenics Department.

Three from Lab Named APS Fellows

Each year, the American Physical Society (APS) honors a few of its outstanding members by electing them to the status of Fellowship. APS only designates members who have contributed to the advancement of physics by displaying independent, original research or who have rendered some other special service to the cause of the sciences.

This year, the APS announced that Jeffrey A. Appel, Head of Fermilab's Computing Department; Richard K. Ellis, of the Fermilab Theoretical Physics Department; and Thomas B. W. Kirk, on leave of absence from Fermilab to the SSC Central Design Group, have been elected as Fellows of the American Physical Society.

Appel's citation reads: "For co-discovering the upsilon, the first evidence of 'bottom' quarks, and for leadership in the development of detectors and in defining electronic and data acquisition directions for high-energy physics experimentation."

Ellis' citation acknowledges his "contributions to the theory of hard scattering processes in the QCD improved parton model."

Kirk's citation notes his "continued leadership over many years in the Fermilab muon scattering program, and his successful management of the Tevatron II Construction Project."

Threepenny Opera \$9 in Ramsey Auditorium

The word's out! Macky's back in town! Mack the Knife that is, along with the conniving Peachums, the sultry Jenny Diver, the pathetic Lucy Brown, and their low-life companions, in a performance of *The Threepenny Opera*. This Kurt Weill/Bertholt Brecht classic of twentieth-century musical theater takes the stage on Saturday, March 18, 1989, at 8:00 p.m. in the Ramsey Auditorium, with the "cutting edge theatricality" of Milwaukee's nationally acclaimed Skylight Comic Opera company.



The Skylight Comic Opera in a scene from The Threepenny Opera.

The Threepenny Opera, an updated version of John Gay's eighteenth-century work, *The Beggar's Opera*, combines Brecht's biting social/political commentary on Germany of the late 1920s with Kurt Weill's musical wit and delightfully exotic melodies. The plot follows the fortunes of the infamous Mack the Knife and his desperate, adoring women as they maneuver through an underground world of thieves, pickpockets, and corrupt officials in an England awaiting Victoria's coronation. Since opening in Berlin in 1928, the show's familiar songs have been whistled in the streets, sung in the shower, and recorded by jazz and popular artists. You'll recognize "The Ballad of Mack the Knife" ("Oh, the shark has pretty teeth dear"), "Pirate Jenny" ("And the ship, a black freighter, with a skull on its mast-head, will be comin' in"), "The Army Song" ("Let's all go barmy, live off the army, see the world we never saw"), "Barbara Song" ("Oh you can't just let a man walk over you") and "Tango-Ballad" ("And so we lived, me and my little mouse, in that snug two-by-four where we kept house").

So take the advice of Mr. and Mrs. Peachum: "instead of staying home in bed at night behavin'," join the revelries of *The Threepenny Opera* for a \$9

admission. Reserve seats by calling ext. ARTS weekdays between 10:00 a.m. and 12:00 noon, or 1:00 p.m. and 4:00 p.m. Phone reservations are held for five days; due to ticket demand those not paid for within five working days will be released for sale.

- Tammey Kikta

Coming Soon

Dance - North Carolina Dance Theater - April 15

Folk - Sotavento/David Hernandez and Street Sounds - May 6

Jazz - The Dorothy Donegan Trio - June 17

Percentage of patients who like dentists to wear protective gloves "because of the taste": **1** Price of Dr. Etiquette, an electronic bad-breath detector sold in Japan: **\$130** - from *Harper's Index*

Prepare for a New Area Code

On November 11, 1989, a new area code, 708, will begin serving the Chicago suburbs, including Fermilab. Illinois Bell cites the growing demand for telephone numbers in the Chicago area as the motivation for this change.

This change will impact dialing procedures in the following manner: When calling to the suburbs from Chicago, you must dial 1 + 708 + the 7-digit phone number. When calling to Chicago from the suburbs, dial 1 + 312 + the 7-digit number. No additional charges will be imposed when calling between these area codes.

Keep in mind that this will require the acquisition of new letterhead, business cards, invoices, brochures, and any other telephone-number-bearing medium. Plan ahead! - Carolyn Hines

ACS Crusade Volunteers Sought

The American Cancer Society's annual Residential Crusade will take place on Sunday, April 2, 1989, from 1:00 p.m. to 5:00 p.m. Area captains and crusaders are needed to canvas the Kendall County, Aurora, and Batavia neighborhoods. Volunteers would be greatly appreciated for the day's event. Interested individuals may contact Susan Duffy, Field Representative, at 879-9009, or the American Cancer Society Office at 17 N. River St., Batavia.

Monies received from the Crusade benefit research, local service, and educational programs.



The Activities Office.

Vitality

The publishers of the U.S.'s leading hospital-patient publication have developed a special new magazine, *Vitality Health & Wellness*.

Each month, *Vitality* will feature concise, informative, fun-to-read articles, counseling employees on important personal, on-the-job topics including diet and physical fitness, maintaining positive attitudes, goal setting, better time management, stress and fatigue control, and constant reasoning against smoking, drugs, and alcohol.

The Recreation Office is offering a subscription to *Vitality* at the cost of \$6 per year. This insightful, full-color magazine will be delivered each month to your mail station. If you are interested in receiving *Vitality* as part of your health-care program, call Jean at ext. 3126. Subscriptions will be taken until February 28. Gym membership is required.

Fitness Evaluation

Complete fitness evaluations will be offered at the Recreation Facility. This workup, given by a licensed exercise physiologist, includes cardiovascular assessment, strength, endurance, and flexibility testing, rested heart rate and blood pressure, circumference measurement, and body-composition analysis. You will receive a two-page computer printout of your test results. An explanation of the results is included.

If you are thinking about starting an exercise program or have already begun one, this evaluation will get you off on the right track.

The cost for this program is \$25. If you are interested, call Jean at ext. 3126. Gym membership is required.

"Press Your Best" Contest

The Recreation Facility is sponsoring the second annual "Press Your Best" contest to be held on Wednesday, March 1, from 11:30 a.m. to 1:00 p.m. Trophies will be awarded for maximum press weight and highest percentage of body weight pressed. This contest is open to both men and women. A sign-up sheet is located in the Recreation Facility weight room. For more info, call Jean at ext. 3126. Sign-ups will be taken through February. Gym membership is required. - **Jean Guyer**

Percentage of Americans who watch TV during dinner: **50** Number of calories in a Hershey's Kiss: **25**

Four Sculptors Exhibit Work at Lab

A new exhibit, "Sculpture by Four Artists," will occupy the Wilson Hall 2nd Floor Gallery until March 30, 1989.

Brent Collins' self-taught approach to sculpture has been recognized in both the United States and in Europe. "My present understanding of what I wish to do in sculpture has emerged slowly and fitfully through years of successive approximations," Collins has said. "And that is to compose mathematically coherent form in movements of subtle and logical interrelation. At best these aesthetic relations are 'elegant solutions' akin to those of science and mathematics, and like them are a kind of truth. Their very possibility is, of course, the motive for work, the sense of their imminent discovery, the excitement and their actual perception the cathartic fulfillment."

Robert Cumpston, drawing from his farming background, creates whimsical sculptures with a primitive quality. He converts unlikely components of worn farm equipment into realistic bird, animal, and human forms. From 6 in. birds to 12 ft giraffes, each of Cumpston's oxidized iron sculptures has its own personality, and some become even more lifelike with the addition of moving parts. His sculptures are in many corporate and private collections.

David Lotton is part of a family establishment, The Lotton Art Glass Studio, in Lansing, Illinois. He first attempted working with glass when he was 12. For the last 12 years he has been creating blown-glass sculptures, vases, and paperweights. Many of his beautifully crafted forms are very contemporary, but some of the vases are reminiscent of the Art Nouveau style.

Last year his glass sculptures were exhibited in Corning, New York, a Mecca for artists whose medium is glass. David just returned from a very successful show in Florida. His glass forms are in many collections across the United States.

Penn Stallard's current sculpture represents a fresh approach to natural materials. Her artwork uses real objects, bronze casts of real objects, and illusions (in the form of holograms) of real objects that are combined in various ways to become works of sculpture. - **Saundra Poces**

Percentage of Pittsburghers who named family members when asked which household pests they fear most: **1.3** - *Harper's Index*

"Energy" continued from page 1

is projected to yield an annual net savings of \$115,000. "I heard about the program sometime back," said Byrd. "I got my idea from changing the ballasts on the 15th floor, and I sometimes worked on this project during my lunch. At first, I thought that my idea wouldn't amount to anything, but all those nickels and dimes that were saved added up to thousands of dollars."



Participating in the January EECAP awards program were (back row, l. to r.) Don Beatty, Bruce Chrisman, Kurt Kasules, Bill Riches, Age Visser, Dick Lundy, and Norm Hanson; (front row, l. to r.) Jan Ryk, Jim Zagel, Peter Lucas, Ken Kittelson, Bill Byrd, and Dick Graff.

Because of the support he received and the inherent value of energy conservation, Byrd strongly supports the program. "It's a very good program; there are probably a lot of places to save money around the Lab. Energy conservation saves tax dollars, and the money saved can go to more experiments." He was grateful to Riches and the selection committee for their help, and "I feel especially indebted to Don Beatty (BS/Section Office) and the Purchasing Department for finding out the actual cost of my suggestion." Byrd said that he has already made good use of his cash award. "I bought a 16-1/2-ft bass boat called the 'Sea Nymph.' All I need now is to get rid of the snow so I can go fishing."

Bill Riches, Fermilab Energy Management Coordinator, explained that the new program, which evolved from a program he initiated in 1986, offers cash awards ranging from \$100 to a maximum of \$5000. "Many Lab employees may have excellent ideas on how to conserve energy. The purpose of the program is to encourage them to share those ideas." To be eligible for consideration, suggestions must result in a minimum estimated annual net energy-cost savings of \$250. Any Fermilab em-

ployee is welcome to submit suggestions. "One unique feature of the program," Riches explained, is that "the cash awards are made before the projects are implemented." Riches hoped that following the recent cash awards, the upgraded program could become even more popular throughout the Lab.

The members of the EECAP committee are Don Beatty, Kurt Kasules, Dick Lundy (Chairman), Wayne Nestander, Bill Riches, Jan Ryk, and Age Visser.

The Energy Conservation Awards Committee will meet to consider new suggestions in early March, and probably every six months thereafter. Additional information about the program is available from Bill Riches at ext. 3779, or Jenny Rapovich in the Safety Office, WH7E, MS 119, ext. 3644.

- Kevin A. Brown

Congratulations to:

Sylvia (RD/Safety) and Dennis (RD/Mechanical) Wilson on the birth of Cherisse Tiffany on January 14, 1989, at 7:54 p.m. Cherisse weighed 7 lbs, 8 ozs, and was 20-1/2 in. long.

Twentieth-Anniversary Posters

The Publications Office still has a limited supply of copies of the twentieth-anniversary poster (featuring the cover of the *Fermilab 1987 Annual Report*) sent out in conjunction with the recent festivities. If you would like a poster or two, stop by Wilson Hall 6NW.

FermiNews Cla\$ified Ad\$

FOR SALE

Miscellaneous:

4-DAY DISNEYWORLD PASSPORT TICKETS, four, \$370 each. Call Gerald Davis at ext. 3103 or 553-7644.

MATTRESS SET, queen size, Sealy Posturepedic Prestige, excellent condition, \$100. HOT-WATER TANK, Amtrol Boiler Mate, 41 gal., \$200. Call Rich at ext. 3868 or 690-1691.

CAPTAIN'S BED, twin size, w/matching mirror and dresser, \$300. CHAIN LINK FENCE, 24 linear ft, 4 ft high, w/posts, rails, and 3-ft gate. Call Ralph, ext. 3083.

FermiNews is published by the Fermilab Publications Office, P.O. Box 500, Batavia, IL, 60510 (312) 840-3278 (BITnet) TECHPUBS @ FNAL, (DECnet) FNAL::TECHPUBS
Editor: R. Fenner Staff Writer: K. A. Brown
Editorial Assist.: S. Novack Circulation Mgr.: S. Hanson
Fermilab is operated by Universities Research Association, Inc., under contract with the United States Department of Energy.